

LUMINAIRE: LXEN4-35LW-RFA-EDU
 LXEN Led Narrow Enclosed and Gasketed, Extreme Environment
 7" X 51" Led with ribbed frosted acrylic diffuser
 Data Scaled from Test# 17.02890
BALLAST: OTI 50/120-277/1A4 DIM-1 L
BALLAST FACTOR: 1.00
LAMP:
FIXTURE LUMENS: 4132
WATTS: 33.90
MOUNTING: Surface
SHIELDING ANGLE: 0° = 90 90° = 90
NEMA FLOOD TYPE: 6 X 6
BEAM SPREAD: ALONG = 110, ACROSS = 110
FIELD SPREAD: ALONG = 165, ACROSS = 165
LUMINOUS OPENING IN FEET
 LENGTH: 4.31
 WIDTH: 0.33
 HEIGHT: 0.13

TEST #19363

DATE: 10/31/2017

TOTAL LUMINAIRE EFFICIENCY = 100.0

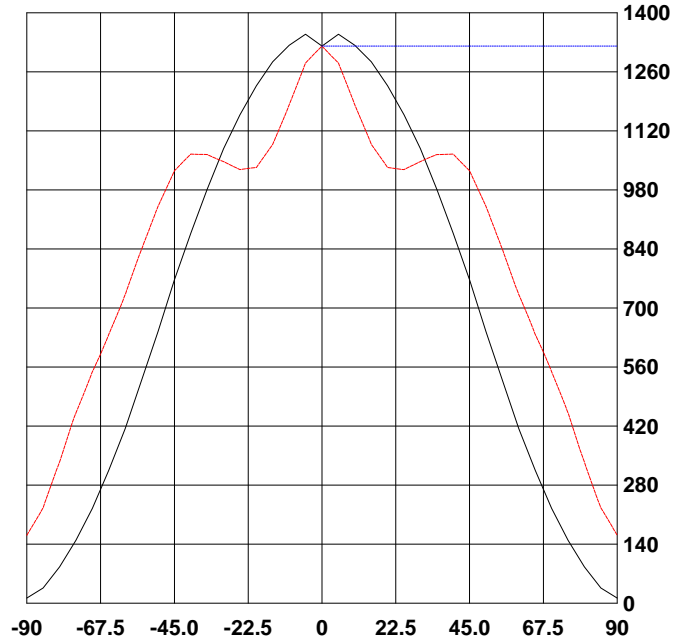
TOTAL LUMENS PER WATT = 122

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.97

BASED ON 3000 HRS. AND \$.08 PER KWH

FLOODLIGHT CANDLEPOWER TRACE THROUGH ORIGIN



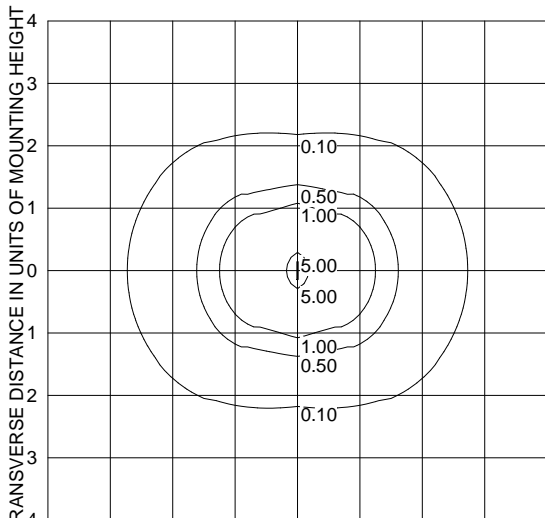
ZONAL LUMENS

ZONE	LUMENS	% LAMP	% FIXTURE
0-30	926	22.4	22.4
0-40	1524	36.9	36.9
0-60	2821	68.3	68.3
0-90	3900	94.4	94.4
90-120	212	5.1	5.1
90-130	229	5.5	5.5
90-150	232	5.6	5.6
90-180	232	5.6	5.6
0-180	4132	100.0	100.0

CANDELA SUMMARY

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1321	1321	1321	1321	1321
20.0	1227	1131	1048	1033	1033
40.0	877	772	893	1024	1065
60.0	414	484	675	721	732
80.0	86	184	303	333	335
100.0	6	39	93	111	115
120.0	2	1	26	56	67
140.0	1	1	1	1	3
160.0	0	0	0	0	0
180.0	0	0	0	0	0

Horiz. Trace Through 0 Vert. ————
 Vert. Trace Through 180-0 Horiz. ————
 Vert. Trace Through 270-90 Horiz. - - - - -
 Max Candelas = 1355 @ 0.0H,2.5V



TO CONVERT FC LEVELS TO NEW MH MULTIPLY BY	
9.00'	2.78
11.00'	1.86
13.00'	1.33
17.00'	0.78
19.00'	0.62
21.00'	0.51

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.
 ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.
 THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.
 MOUNTING HEIGHT = 15.00 FEET

APPROVED BY: _____

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CANDELA VALUES

ANGLE	0.0	22.5	45.0	67.5	90.0
0.0	1321	1321	1321	1321	1321
2.5	1355*	1311	1304	1313	1309
5.0	1349	1303	1287	1286	1281
7.5	1338	1287	1258	1247	1234
10.0	1323	1265	1223	1197	1182
12.5	1304	1239	1180	1146	1130
15.0	1284	1207	1135	1101	1088
17.5	1257	1172	1089	1062	1054
20.0	1227	1131	1048	1033	1033
22.5	1196	1088	1010	1017	1027
25.0	1158	1043	977	1010	1028
27.5	1119	998	953	1011	1037
30.0	1078	949	935	1015	1047
32.5	1031	904	920	1021	1056
35.0	981	858	909	1025	1064
37.5	932	812	901	1026	1068
40.0	877	772	893	1024	1065
42.5	819	731	883	1015	1051
45.0	766	691	869	997	1025
47.5	705	657	853	966	988
50.0	644	620	832	926	941
52.5	586	587	803	880	892
55.0	528	554	766	826	839
57.5	472	519	722	775	784
60.0	414	484	675	721	732
62.5	363	447	623	669	684
65.0	315	407	573	623	637
67.5	269	368	523	577	595
70.0	225	327	477	531	549
72.5	185	287	434	488	503
75.0	149	251	390	439	451
77.5	116	217	345	386	392
80.0	86	184	303	333	335
82.5	58	156	262	280	278
85.0	36	129	220	231	226
87.5	20	105	183	191	190
90.0	12	86	155	163	161
92.5	10	70	133	144	143
95.0	8	58	117	129	131
97.5	7	47	105	119	122
100.0	6	39	93	111	115
102.5	5	31	83	105	110
105.0	5	23	75	99	105
107.5	4	17	68	94	100
110.0	3	11	60	88	96
112.5	3	6	52	81	91
115.0	3	2	44	74	84
117.5	2	1	35	65	75
120.0	2	1	26	56	67
122.5	1	1	18	46	57
125.0	1	0	12	37	47
127.5	1	0	6	27	38
130.0	1	0	2	20	27
132.5	0	0	0	13	20
135.0	0	0	0	7	13
137.5	0	0	0	2	7
140.0	1	1	1	1	3
142.5	0	0	0	0	0
145.0	0	0	0	0	0
147.5	0	0	0	0	0
150.0	0	0	0	0	0
152.5	0	0	0	0	0
155.0	0	0	0	0	0
157.5	0	0	0	0	0
160.0	0	0	0	0	0
162.5	0	0	0	0	0
165.0	0	0	0	0	0
167.5	0	0	0	0	0
170.0	0	0	0	0	0
172.5	0	0	0	0	0
175.0	0	0	0	0	0
177.5	0	0	0	0	0
180.0	0	0	0	0	0

*MAXIMUM CANDELA VALUE